

Title (en)

Substrate coating comprising a complex of an ionic fluoropolymer and surface charged nanoparticles

Title (de)

Substratbeschichtung mit einem Komplex aus einem ionischen Fluorpolymer und oberflächengeladenen Nanopartikeln

Title (fr)

Revêtement de substrat comportant un complexe de fluoropolymère ionique et nanoparticules chargées à la surface

Publication

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Application

EP 08012948 A 20080717

Priority

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Abstract (en)

[origin: EP2145916A1] The present invention relates an article comprising a non-conductive substrate and a coating thereon comprising a complex of an ionic fluoropolymer and a counter-ionic agent which comprises surface charged nanoparticles, to a process for the production of a coating on a non-conductive substrate comprising the steps of: a) preparing a mixture of an ionic fluoropolymer or a precursor thereof and surface charged nanoparticles or a precursor thereof, b) applying the mixture prepared in step a) onto the substrate, and to the use of such an article for the manufacture of a garment, a textile structure, a laminate, a filter element, a venting element, a sensor, a diagnostic device, a protective enclosure, or a separation element.

IPC 8 full level

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